

**Scully 288 Series
16 Channel 2 inch
Professional
Tape Recorder**

288



Description:

The Scully 288 professional series is new . . . with a new, Scully quality, tape transport. Designed specifically for smooth handling of wide tape, the 288 offers the best advantages and features of the famed 280 series combined with the latest electronics and transport design improvements.

Electronics: Renowned Scully record/reproduce electronics with improved performance through exclusive transient reduction. Scully patented Linearity circuit provides lowest distortion. Scully plug-in cards designed for maximum service efficiency.

Transport: Another in the series of precision tape handling devices, custom designed by Scully. All of the famed and field proven engineering precision that goes into Scully lathes has been incorporated in the new, rugged 288 transport.

Added Features:

Exacting tape handling characteristics
Improved Signal-to-Noise Ratio

- Exclusive Tape-Wiping Control for increased reliability
- Famed Scully Sync/Master with Index/Master readout
- New improved Transient Reduction Circuitry
- Reduced distortion



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Specifications:

Channel Configurations: 16 Track on 2" Tape, 12 Track on 2" Tape, 8 Track on 1" Tape

Tape Speed: 15/30 ips

Mounting: Custom Floor Console Mount

Power Requirements: 115 Vac, 60 Hz, 1500 Watts (50 Hz units available on request)

Tape Transport Controls: Power On/Off, Record, Rewind, Fast Forward, Stop, Start, Speed/ Equalization Change

Reel Size: Up to 11¹/₈"

Start Time: Play speed in 0.2 second

Timing Accuracy: $\pm .2\%$

Rewind Time: Approximately 90 seconds (2,400 Ft. Reel)

Frequency Response: ± 2 db, 35 Hz to 15,000 Hz at 30 ips; ± 2 db, 35 Hz to 15,000 Hz at 15 ips

Signal to Noise Ratio: Reference + 10 dbm using 3M 202 or equal; 8 or 16 track (2") 63 db; 12 track (1") 60 db

Flutter & Wow: (All components between 0.5-250 Hz) 30 ips — 0.05% RMS or better; 15 ips — 0.06% RMS or better

Electronic Alignment Controls: *Exposed Controls:* Record Level, Function Switch, Monitor/Meter Switch, Playback Level

Concealed Controls: Playback Equalization, Record Equalization for High and Low Speeds, Linearity Control, Bias Adjust, Bias Calibrate, Microphone Gain, Playback Calibrate, Noise Balance.

Distortion: Total Harmonic Distortion @ 1 KHz, +4 dBm (zero VU) .6% or less; Third Harmonic Distortion @ 1 KHz, +4 dBm (Zero VU) .4% or less; Intermodulation Distortion 2.5% or less

Equalization: NAB or CCIR (Capstan Speed Change Switch selects proper equalizations)

Bias Oscillator Frequency: 180 KHz

Erase Oscillator Frequency: 60 KHz

Output: +4 or +8 dBm from 600 Ohm Balanced Line (Normally supplied +4 dBm = Zero VU)

Input: Bridging (600 Ohm balanced or unbalanced) Microphone, Low Impedance (150-2500 Ohms)

Input Impedance: 10 K

Remote Control: Sync, Safe, Record . . . From Sync/Master Record, Rewind, Fast Forward, Stop, Play, Tape Lifter Defeat . . . From Remote Control

► Scully

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